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TITLE: STD/HIV Prevention Among Female Bar Workers and Their Managers/Supervisors:
Integration of Successful Research Components into the Health Care Delivery System

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OBJECTIVES: To assess the independent and combined effects of peer education and manager/supervisor training on STD/HIV among Female Bar Workers (FBW). Educational interventions targeting cognitive and environmental determinants of STD/I-IIV prevention are being assessed.

METHODOLOGY: A quasi-experimental four-group design assessing the independent and combined effects of E1-peer education, self efficacy and communication skills; E2-manager/supervisor training, support, and reinforcement; E3-combination of E1 and E2; and C1-a usual care study control community is being tested over a 3-year period in four sites in the southern Philippines. Outcome measures include attendance at Social Hygiene Clinics, STD and HIV infection rates, implementation of educational policy in the various establishments, and cost effectiveness evaluation of the intervention approaches on these outcome indicators.

RESULTS: A multivariate structural equation model has identified significant predictors of condom use and efficacy based on cognitive and environmental determinants. Pre- and post-surveys indicate significant changes in knowledge, attitudes and levels of self-efficacy among CSWs and managers. Significant improvements in appointment-keeping behavior and reductions in STDs were observed in the intervention communities. Intervention communities had an average of a 20% reduction in STD compared to a 4% reduction in the control community. HIV+ findings among registered FBW was also four times higher in the control community compared to the intervention sites ($p < .001$).

CONCLUSIONS: These results are being integrated into the Social Hygiene Clinic's process of care, as well as institutional changes in the participating establishments. An expanded community approach is currently being developed which will include a client-centered approach involving high risk communities, factory workers, military/police/firemen and drivers associations (taxi and tricycle drivers).

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